

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3  
J. Douglas  
2/24/03

In re Application

Inventor(s): John Boreczky et al.

SC/Serial No.: 09/738,905

Confirm. No.: 2658

Filed: December 17, 2000

Title: SYSTEM AND METHOD FOR VIDEO  
NAVIGATION AND CLIENT SIDE INDEXING

PATENT APPLICATION

Art Unit: 2643

Examiner:

Customer No. 23910

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Technology Center 2600

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Jan 31, 2003.

Brenda J. Dolly (Signature)  
Name: Brenda J. Dolly  
Signature Date: Jan 31, 2003

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Commissioner for Patents  
Washington, DC 20231

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

***Enclosed with this statement are the following:***

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of documents previously submitted by the applicant in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d)(1), with an information disclosure statement submitted in the parent application which complies with the Sept. 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c). If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion

thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

— **PTA Statement under 37 C.F.R. §1.704(d).** Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

***This statement should be considered because:***

✓ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

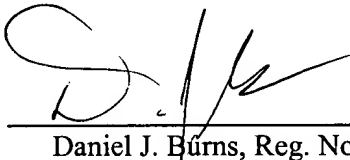
- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;  
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,  
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: 1/31/2003

By:   
Daniel J. Burns, Reg. No. 50,222

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Form PTO-1449 (Substitute)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket Number FXPL-01009US0		Serial/Patent Number 09/738,905	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				Applicant/Patent Owner John Boreczky et al.			
				Filing/Issue Date December 14, 2000		Group Art Unit 2643	
U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1	5,818,439	Oct. 6, 1998	Nagasaka et al.			
	2	6,366,296		Boreczky et al.			
PENDING U.S. PATENT APPLICATIONS							
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No		
	3	09/266,637	Mar. 11, 1999	Foote et al.			
	4	09/267,529	Mar. 12, 1999	Uchihashi et al.			
	5	09/322,842	May 28, 1999	Girgensohn et al.			
	6	09/611,389		Chiu et al.			
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
	7	Arman, F., et al., "Content-based Browsing of Video Sequences," <u>In Proceedings of the 6<sup>th</sup> ACM International Conference on Multimedia</u> , San Francisco, California (1994) pp. 97-103					
	8	Boreczky, J., et al., "Comparison of Video Shot Boundary Detection Techniques," <u>In Storage and Retrieval for Still Image and Video Databases IV</u> , Proc. SPIE 2670, San Jose, California (1996) pp. 170-179					
	9	Boreczky, Jr., et al., "A Hidden Markov Model Framework for Video Segmentation Using Audio and Image Features," <u>In Proc. ICASSP '98, IEEE</u> , Seattle, Washington (May 1998) pp. 3741-3744					
	10	Girgensohn, A., et al., "Time-Constrained Keyframe Selection Technique," <u>In IEEE Multimedia Systems '99, IEEE Computer Society</u> , vol. 1, (1999) pp. 756-761					
	11	Girgensohn, A., et al., "Facilitating Video Access by Visualizing Automatic Analysis," <u>In Human-Computer Interaction INTERACT '99, IOS Press</u> , (1999) pp. 205-212					
Examiner				Date Considered			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
*1 = Copy not submitted because it was submitted in prior application SN / , filed , 20 , relied on under 35 USC §120.							
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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
	12	Taniguchi, Y. et al., "An Intuitive and Efficient Access Interface to Real-Time Incoming Video Based on Automatic Indexing," In Proc. ACM Multimedia 95, San Francisco, California (1995) pp. 25-33					
	13	Tonomura, Y., et al., "VideoMAP and VideoSpaceIcon: Tools for Anatomizing Video Content," In Proc ACM INTERCHI '93, April 1993, pp 131-136					
	14	Uchihashi, S., et al., "Summarizing Video Using a Shot Importance Measure and Frame-Packing Algorithm," In Proc ICASSP '99, vol. 6 (1999) pp. 3041-3044					
	15	Ueda, H., et al., "IMPACT: An Interactive Natural-motion-picture Dedicated Multimedia Authoring System," In Proceedings of CHI, 1991, New Orleans, Louisiana, ACM, (April-May 1991) pp. 343-350					
	16	Yeung, M.M., et al., "Video Visualization for Compact Presentation and Fast Browsing of Pictorial Content," In IEEE Transactions on Circuits and Systems for Video Technology, vol. 7, no. 5 (October 1997) pp. 771-785					
	17	Zhang, H.J., et al., "Video Parsing, Retrieval and Browsing: An Integrated and Content-Based Solution," In Proc. Multimedia '95, ACM Press, pp. 15-24					
	18	Chiu, P., et al., "A Genetic Algorithm for Video Segmentation and Summarization," In Proceedings of IEEE International Conference on Multimedia and Expo, vol. III, pp. 1329-1332 (2000)					
	19	Chiu, P., et al., "A Genetic Segmentation Algorithm for Image Data Streams and Video," In Proceedings of the Genetic and Evolutionary Computation Conference, Morgan Kaufmann Publishers pp. 666-673 (2000)					
Examiner				Date Considered			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
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